



KTINO.0002P

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Michail Konstantinos Tsatsanis, et al. ) Group Art Unit 2661  
App. No. : 10/658,117 )  
Filed : September 8, 2003 )  
For : DECISION FEEDBACK )  
TRANSCEIVER FOR )  
MULTICHANNEL )  
COMMUNICATION )  
SYSTEM )  
Examiner : Unknown )

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460 on

February 13, 2004

*C. Miller*  
Chad W. Miller, Reg. No. 44,943

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

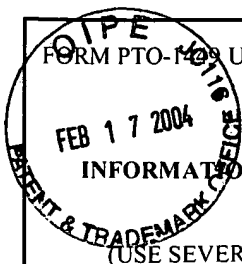
Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the mailing of the first Office Action on the merits, and as such, no fee is required in accordance with 37 C.F.R. § 1.97(b)(3).

Dated: 2/13/04

Respectfully submitted,

By: *C. Miller*

Chad W. Miller  
Weide & Miller, Ltd.  
Registration No. 44,943  
Bank West Building, 5<sup>th</sup> Floor  
7251 W. Lake Mead Blvd., Suite 530  
Las Vegas, NV 89128  
Tel. (702)-382-4804 (Pacific Time)



U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. AKTINO.0002P	APPLICATION NO. 10/658,117
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Michail Konstantinos Tsatsanis, et al.	
		FILING DATE September 8, 2003	GROUP 2661

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		5,285,474	02/1994	Chow, et al.			
		5,479,447	12/1995	Chow, et al.			
		5,673,290	09/1997	Cioffi			
		5,887,032	03/1999	Cioffi			
		US 2003/0086362 A1	05/2003	Hasegawa, et al.			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	Eric W. Weisstein, "Eric Weisstein's World of Mathematics - Diagonal Matrix", ©1999 CRC Press LLC, ©1999-2003 Wolfram Research, Inc., 2 pages	
	Steffen Trautmann, et al., "A New Equalizer for Multitone Systems Without Guard Time", <i>IEEE Communications Letters</i> , Vol. 6, No. 1, January 2002, pp. 34-36	
	Jeffrey Wu, et al., "Efficient Matrix Multiplication Methods to Implement a Near-optimum Channel Shortening Method for DMT Transceivers", The University of Texas at Austin, Asilomar Conference, October 30, 2000, 14 pages	
	J. Cioffi, "Digital Duplexing: VDSL Performance Improvement by Aversion of Frequency Guard Bands (TD13)", ETSI TM6 Endinburgh, September 20-24, 1999, pp. 1-16	
	Lei Wang, et al., "Low-Power AEC-Based MIMO Signal Processing for Gigabit Ethernet 1000Base-T Transceivers", Copyright 2001 ACM 1-58113-371-5/01/0008, pp. 334-339	
	Arthur Redfern, et al., "Expanding the Reach of ADSL", <a href="http://www.commsdesign.com/story.OEG20030717S0028">http://www.commsdesign.com/story.OEG20030717S0028</a> , July 17, 2003, 2 pages	

EXAMINER	DATE CONSIDERED
----------	-----------------